

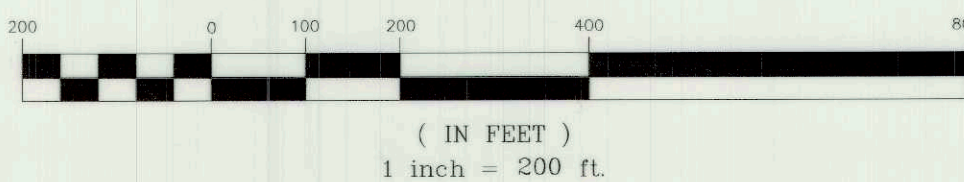
Pahcease Canal Easement Survey

Located in Section 20, T.3 S., R.2 W., U.S.B. & M.

Duchesne County, Utah

2017

GRAPHIC SCALE



LEGEND

- PROPOSED EASEMENT CENTERLINE
- PROPOSED EASEMENT BOUNDARY LINES
- CENTERLINE OF EXISTING PAHCEASE CANAL
- CENTERLINE OF EXISTING PAHCEASE CANAL - PORTION TO BE ABANDONED
- SECTION LINE
- QUARTER SECTION LINE
- 40 ACRE LINE
- EXISTING RIGHT OF WAY LINE
- EXISTING DEED LINES
- + FOUND SECTION CORNER AS NOTED
- + FOUND QUARTER SECTION CORNER OR 1/16 CORNER AS NOTED
- NOT FOUND SECTION CORNER RE-ESTABLISHED AS NOTED
- NOT FOUND QUARTER SECTION CORNER RE-ESTABLISHED AS NOTED

NORTH-SOUTH ABANDONMENT DESCRIPTION # 1

EXISTING PAHCEASE CANAL EASEMENT ABANDONMENT DESCRIPTION ACROSS THE NORTHWEST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 20, T. 3 S., R. 2 W., U.S.B. & M.

BEGINNING AT A POINT LOCATED SOUTH 1346.55 FEET AND EAST 1359.07 FEET, MORE OR LESS FROM THE CENTER QUARTER CORNER OF SECTION 20, T.3 S., R.2 W., U.S.B. & M., SAID POINT OF BEGINNING ALSO BEING LOCATED AT THE INTERSECTION OF THE CENTERLINE OF THE EXISTING NORTH-SOUTH PORTION OF THE PAHCEASE CANAL AND THE 40 ACRE LINE OF SAID SECTION 20, THENCE ALONG THE CENTERLINE OF SAID CANAL THE FOLLOWING COURSES: N00°54'40"W 49.73 FEET, N00°09'59"E 146.06 FEET, N01°59'34"W 128.95 FEET, N01°09'10"W 174.17 FEET, N01°23'12"W 132.72 FEET, N00°40'15"W 135.30 FEET, N00°48'37"W 135.96 FEET, N01°20'43"W 122.82 FEET, AND N00°23'55"W 136.30 FEET, MORE OR LESS TO THE CENTERLINE OF THE EXISTING EAST-WEST PORTION OF SAID CANAL AND THE POINT OF TERMINATION, SAID POINT OF TERMINATION IS LOCATED SOUTH 184.77 FEET AND EAST 1340.16 FEET FROM THE CENTER QUARTER CORNER OF SECTION 20, T.3 S., R.2 W., U.S.B. & M. BASIS OF BEARING IS S89°42'46"E BETWEEN THE SOUTH QUARTER CORNER AND THE SOUTHEAST CORNER OF SAID SECTION 20.

NORTH-SOUTH ABANDONMENT DESCRIPTION # 2

EXISTING PAHCEASE CANAL EASEMENT ABANDONMENT DESCRIPTION ACROSS THE SOUTHWEST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 20, T. 3 S., R. 2 W., U.S.B. & M.

BEGINNING AT A POINT LOCATED S89°42'46"E ALONG THE SOUTH LINE OF SECTION 20, T.3 S., R.2 W., U.S.B. & M., 862.00 FEET AND NORTH 8.45 FEET, MORE OR LESS FROM THE SOUTH QUARTER CORNER OF SAID SECTION 20, SAID POINT OF BEGINNING ALSO BEING LOCATED AT THE INTERSECTION OF THE CENTERLINE OF THE NORTH-SOUTH PORTION OF THE PAHCEASE CANAL AND THE WEST RIGHT OF WAY LINE OF A COUNTY ROAD, THENCE ALONG THE CENTERLINE OF THE NORTH-SOUTH PORTION OF THE PAHCEASE CANAL AND THE WEST RIGHT OF WAY LINE OF A COUNTY ROAD, THENCE ALONG THE CENTERLINE OF THE PAHCEASE CANAL, THE FOLLOWING COURSES: N01°24'43"E 2.81 FEET, N00°58'06"E 38.66 FEET, N78°23'57"E 35.91 FEET, N45°41'24"E 26.39 FEET, N32°24'18"E 23.38 FEET, N08°16'01"E 30.16 FEET, AND N08°30'26"W 5.94 FEET, MORE OR LESS TO WEST RIGHT OF WAY LINE AND THE POINT OF TERMINATION, SAID POINT OF TERMINATION IS LOCATED NORTH 105.85 FEET AND EAST 969.21 FEET FROM THE SOUTH QUARTER CORNER OF SECTION 20, T.3 S., R.2 W., U.S.B. & M. BASIS OF BEARING IS S89°42'46"E BETWEEN THE SOUTH QUARTER CORNER AND THE SOUTHEAST CORNER OF SAID SECTION 20.

NORTH-SOUTH ABANDONMENT DESCRIPTION # 3

EXISTING PAHCEASE CANAL EASEMENT ABANDONMENT DESCRIPTION ACROSS THE SOUTHWEST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 20, T. 3 S., R. 2 W., U.S.B. & M.

BEGINNING AT A POINT LOCATED NORTH 608.42 FEET AND EAST 1223.08 FEET, MORE OR LESS FROM THE SOUTH QUARTER CORNER OF SECTION 20, T.3 S., R.2 W., U.S.B. & M., SAID POINT OF BEGINNING ALSO BEING LOCATED AT THE INTERSECTION OF THE CENTERLINE OF THE NORTH-SOUTH PORTION OF THE PAHCEASE CANAL AND THE WEST RIGHT OF WAY LINE OF A COUNTY ROAD, THENCE ALONG THE CENTERLINE OF THE PAHCEASE CANAL THE FOLLOWING COURSES: N38°23'37"E 23.57 FEET, N34°07'39"E 25.59 FEET, N25°21'09"E 22.91 FEET, N16°40'59"E 15.27 FEET, N00°09'55"E 19.52 FEET, N02°29'31"W 28.85 FEET, N05°11'57"E 31.15 FEET, N09°18'27"W 25.24 FEET, N00°52'08"E 20.68 FEET, N00°09'56"E 23.80 FEET, N00°28'58"W 40.22 FEET, N05°07'59"W 73.61 FEET, N02°28'56"W 79.52 FEET, N01°36'27"E 67.14 FEET, N02°27'55"W 133.34 FEET, N01°58'31"W 74.73 FEET, AND N00°54'40"W 60.22 FEET, MORE OR LESS TO THE 40 ACRE LINE AND THE POINT OF TERMINATION, SAID POINT OF TERMINATION IS LOCATED NORTH 1359.03 FEET AND EAST 1282.65 FEET FROM THE SOUTH QUARTER CORNER OF SECTION 20, T.3 S., R.2 W., U.S.B. & M. BASIS OF BEARING IS S89°42'46"E BETWEEN THE SOUTH QUARTER CORNER AND THE SOUTHEAST CORNER OF SAID SECTION 20.

NORTH-SOUTH ABANDONMENT DESCRIPTION # 4

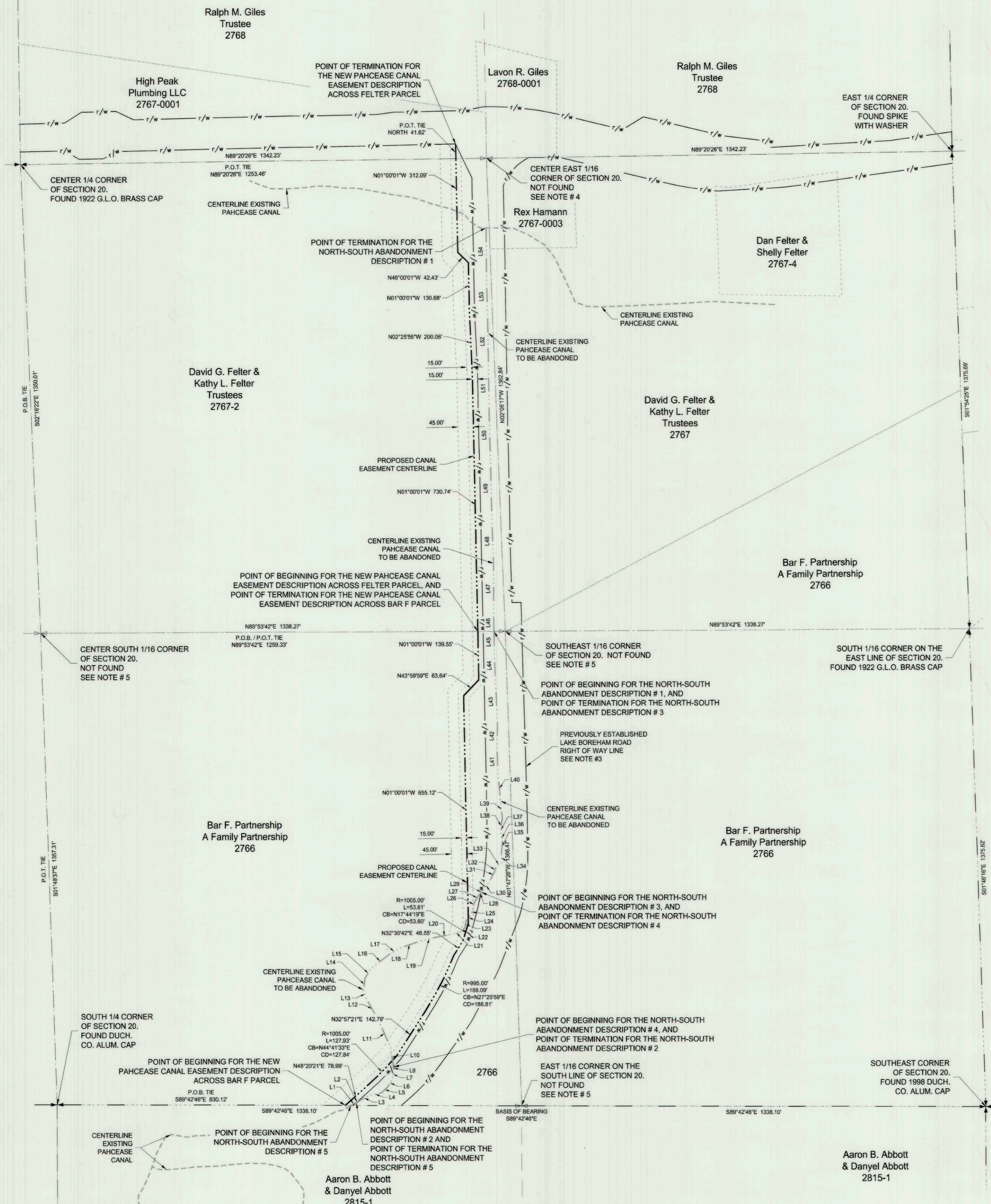
EXISTING PAHCEASE CANAL EASEMENT ABANDONMENT DESCRIPTION ACROSS THE SOUTHWEST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 20, T. 3 S., R. 2 W., U.S.B. & M.

BEGINNING AT A POINT LOCATED NORTH 105.85 FEET AND EAST 969.21 FEET, MORE OR LESS FROM THE SOUTH QUARTER CORNER OF SECTION 20, T.3 S., R.2 W., U.S.B. & M., SAID POINT OF BEGINNING ALSO BEING LOCATED AT THE INTERSECTION OF THE CENTERLINE OF THE NORTH-SOUTH PORTION OF THE PAHCEASE CANAL AND THE WEST RIGHT OF WAY LINE OF A COUNTY ROAD, THENCE ALONG THE CENTERLINE OF THE PAHCEASE CANAL THE FOLLOWING COURSES: N08°30'26"W 58.37 FEET, N23°49'44"W 86.10 FEET, N29°16'51"W 71.55 FEET, N16°52'03"W 24.82 FEET, N07°10'19"E 34.24 FEET, N31°30'03"E 33.47 FEET, N53°10'34"E 63.61 FEET, N59°06'49"E 35.55 FEET, N70°30'30"E 58.73 FEET, N75°58'35"E 48.06 FEET, N78°43'25"E 51.75 FEET, N74°16'55"E 28.66 FEET, N45°01'30"E 15.11 FEET, N10°13'24"E 21.89 FEET, N43°30'48"E 20.59 FEET, N13°20'12"E 19.39 FEET, N17°07'04"E 20.26 FEET, N33°24'48"E 26.17 FEET, AND N38°23'37"E 6.84 FEET, MORE OR LESS TO THE WEST RIGHT OF WAY LINE OF A COUNTY ROAD AND THE POINT OF TERMINATION, SAID POINT OF TERMINATION IS LOCATED NORTH 608.42 FEET AND EAST 1223.08 FEET FROM THE SOUTH QUARTER CORNER OF SECTION 20, T.3 S., R.2 W., U.S.B. & M. BASIS OF BEARING IS S89°42'46"E BETWEEN THE SOUTH QUARTER CORNER AND THE SOUTHEAST CORNER OF SAID SECTION 20.

NORTH-SOUTH ABANDONMENT DESCRIPTION # 5

EXISTING PAHCEASE CANAL EASEMENT ABANDONMENT DESCRIPTION ACROSS THE SOUTHWEST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 20, T. 3 S., R. 2 W., U.S.B. & M.

BEGINNING AT A POINT LOCATED S89°42'46"E ALONG THE SOUTH LINE OF SECTION 20, T.3 S., R.2 W., U.S.B. & M., 846.64 FEET, MORE OR LESS FROM THE SOUTH QUARTER CORNER OF SAID SECTION 20, SAID POINT OF BEGINNING ALSO BEING LOCATED AT THE INTERSECTION OF THE CENTERLINE OF THE NORTH-SOUTH PORTION OF THE PAHCEASE CANAL AND THE SOUTH LINE OF SAID SECTION 20, THENCE N01°24'43"E ALONG THE CENTERLINE OF THE PAHCEASE CANAL, 17.50 FEET TO THE WEST RIGHT OF WAY LINE OF A COUNTY ROAD AND THE POINT OF TERMINATION, SAID POINT OF TERMINATION IS LOCATED NORTH 4.13 FEET AND EAST 861.99 FEET FROM THE SOUTH QUARTER CORNER OF SECTION 20, T.3 S., R.2 W., U.S.B. & M. BASIS OF BEARING IS S89°42'46"E BETWEEN THE SOUTH QUARTER CORNER AND THE SOUTHEAST CORNER OF SAID SECTION 20.



Line Table		
Line #	Direction	Length
L1	N01°24'43"E	17.50'
L2	N01°24'43"E	2.81'
L3	N00°58'06"E	38.66'
L4	N78°23'57"E	35.91'
L5	N45°41'24"E	26.39'
L6	N32°24'18"E	23.38'
L7	N08°16'01"E	30.16'
L8	N08°30'26"W	5.94'
L9	N59°38'56"E	50.99'
L10	N08°30'26"W	58.37'
L11	N23°49'44"W	86.10'
L12	N29°16'51"W	71.55'
L13	N16°52'03"W	24.82'
L14	N07°10'19"E	34.24'
L15	N31°30'03"E	33.47'
L16	N53°10'34"E	63.61'
L17	N59°06'49"E	35.55'
L18	N70°30'30"E	58.73'
L19	N75°58'35"E	48.06'
L20	N78°43'25"E	51.75'
L21	N74°16'55"E	28.66'
L22	N45°01'30"E	15.11'
L23	N10°13'24"E	21.89'
L24	N43°30'48"E	20.59'
L25	N13°20'12"E	19.39'
L26	N17°07'04"E	20.26'
L27	N33°24'48"E	26.17'
L28	N38°23'37"W	6.84'
L29	N38°23'37"E	25.57'
L30	N34°07'39"E	25.59'
L31	N25°21'09"E	22.91'
L32	N16°40'59"E	15.27'
L33	N00°09'55"E	19.52'
L34	N02°29'31"W	28.85'
L35	N05°11'57"E	31.15'
L36	N09°18'27"W	25.24'
L37	N00°52'08"E	20.68'
L38	N00°09'56"E	23.80'
L39	N00°28'58"W	40.22'
L40	N05°07'59"W	73.61'
L41	N02°28'56"W	79.52'
L42	N01°36'27"E	67.14'
L43	N02°27'55"W	133.34'
L44	N01°58'31"W	74.73'
L45	N00°54'40"W	60.22'
L46	N00°54'40"W	48.73'
L47	N00°09'59"E	146.06'
L48	N01°59'34"W	128.95'
L49	N01°09'10"W	174.17'
L50	N01°23'12"W	132.72'
L51	N00°40'15"W	135.30'
L52	N00°48'37"W	135.96'
L53	N01°20'43"W	122.82'
L54	N00°23'55"W	136.30'

NEW PAHCEASE CANAL EASEMENT DESCRIPTION ACROSS DAVID FELTER TAX PARCEL 00-0032-3260 (2767-2)

A 30.00 FOOT WIDE PERMANENT PIPE LINE EASEMENT, 15.00 FEET ON EITHER SIDE OF THE FOLLOWING DESCRIBED CENTERLINE AND A 60.00 FOOT WIDE TEMPORARY CONSTRUCTION EASEMENT, 15.00 FEET ON THE EASTERLY SIDE AND 45.00 FEET ON THE WESTERLY SIDE OF THE FOLLOWING DESCRIBED CENTERLINE:

BEGINNING AT A POINT LOCATED S02°16'22"E ALONG THE QUARTER SECTION LINE OF SECTION 20, T.3 S., R.2 W., U.S.B. & M., 1350.01 FEET AND N89°53'42"E ALONG THE 40 ACRE LINE, 1259.33 FEET FROM THE CENTER QUARTER CORNER OF SAID SECTION 20, SAID POINT OF BEGINNING ALSO BEING LOCATED ON THE SOUTH LINE OF TAX PARCEL 00-0032-3260 AND ON THE 40 ACRE LINE, THENCE N01°00'01"W 730.74 FEET, THENCE N02°25'56"W 200.06 FEET, THENCE N01°00'01"W 130.68 FEET, THENCE N46°00'01"W 42.43 FEET, THENCE N01°00'01"W 312.09 FEET TO THE SOUTH RIGHT OF WAY LINE OF A COUNTY ROAD AND THE POINT OF TERMINATION, SAID POINT OF TERMINATION IS LOCATED N89°20'28"E ALONG THE QUARTER SECTION LINE, 1253.48 FEET AND NORTH 41.62 FEET FROM THE CENTER QUARTER CORNER OF SECTION 20, T.3 S., R.2 W., U.S.B. & M. BASIS OF BEARING IS S89°42'46"E BETWEEN THE SOUTH QUARTER CORNER AND THE SOUTHEAST CORNER OF SAID SECTION 20. PERMANENT EASEMENT CONTAINING 0.968 ACRE, MORE OR LESS.

THE PIPELINE EASEMENT BOUNDARY LINES WILL NEED TO BE LENGTHENED OR SHORTENED TO MATCH THE 40 ACRE LINE AT THE POINT OF BEGINNING AND THE SOUTH RIGHT OF WAY LINE AT THE POINT OF TERMINATION.

NEW PAHCEASE CANAL EASEMENT DESCRIPTION ACROSS BAR F PARTNERSHIP TAX PARCEL 00-0007-5170 (2766)

A 30.00 FOOT WIDE PERMANENT PIPE LINE EASEMENT, 15.00 FEET ON EITHER SIDE OF THE FOLLOWING DESCRIBED CENTERLINE AND A 60.00 FOOT WIDE TEMPORARY CONSTRUCTION EASEMENT, 15.00 FEET ON THE EASTERLY SIDE AND 45.00 FEET ON THE WESTERLY SIDE OF THE FOLLOWING DESCRIBED CENTERLINE:

BEGINNING AT A POINT LOCATED S89°42'46"E ALONG THE SOUTH LINE OF SECTION 20, T.3 S., R.2 W., U.S.B. & M., 830.12 FEET FROM THE SOUTH QUARTER CORNER OF SAID SECTION 20, THENCE N48°20'21"E 78.99 FEET, THENCE AROUND A 1005.00 FOOT RADIUS CURVE TO THE LEFT, 127.93 FEET (CHORD BEARS N44°14'33"E 127.84 FEET), THENCE N02°37'21"E 142.79 FEET (CHORD BEARS A 995.00 FOOT RADIUS NON-TANGENT CURVE TO THE LEFT, 189.09 FEET (CHORD BEARS N27°25'59"E 188.81 FEET), THENCE N32°30'42"E 48.55 FEET, THENCE AROUND A 1005.00 FOOT RADIUS NON-TANGENT CURVE TO THE LEFT, 53.61 FEET (CHORD BEARS N17°44'19"E 53.60 FEET), THENCE N01°00'01"W 655.12 FEET, THENCE N43°59'59"E 63.64 FEET, THENCE N01°00'01"W 139.55 FEET TO THE NORTH LINE OF TAX PARCEL 00-0007-5170, THE 40 ACRE LINE, AND THE POINT OF TERMINATION, SAID POINT OF TERMINATION IS LOCATED N01°48'37"W ALONG THE QUARTER SECTION LINE, 1357.31 FEET AND N89°53'42"E 1259.33 FEET FROM THE SOUTH QUARTER CORNER OF SECTION 20, T.3 S., R.2 W., U.S.B. & M. BASIS OF BEARING IS S89°42'46"E BETWEEN THE SOUTH QUARTER CORNER AND THE SOUTHEAST CORNER OF SAID SECTION 20. PERMANENT EASEMENT CONTAINING 1.032 ACRES, MORE OR LESS.

THE PIPELINE EASEMENT BOUNDARY LINES WILL NEED TO BE LENGTHENED OR SHORTENED TO MATCH THE SECTION LINE AT THE POINT OF BEGINNING AND THE 40 ACRE LINE AT THE POINT OF TERMINATION.

NOTES

- THE PURPOSE OF THIS SURVEY WAS TO CREATE PERMANENT AND TEMPORARY EASEMENT DESCRIPTIONS FOR THE REALIGNMENT AND PIPING OF THE PAHCEASE CANAL ACROSS THE WEST HALF OF THE SOUTHEAST QUARTER OF SECTION 20, T.3 S., R.2 W., U.S.B. & M. AND TO CREATE ABANDONMENT DESCRIPTIONS FOR THE EXISTING PAHCEASE CANAL EASEMENT RUNNING IN A NORTH-SOUTH DIRECTION LOCATED IN THE WEST HALF OF THE SOUTHEAST QUARTER AS SHOWN HEREON. ABANDONMENT DESCRIPTIONS 1, 2, AND 3 ARE FOR THE EXISTING PAHCEASE CANAL EASEMENT LOCATED WITHIN THE EXISTING COUNTY ROAD RIGHT OF WAY. ABANDONMENT DESCRIPTIONS 4, AND 5 ARE FOR THE EXISTING PAHCEASE CANAL EASEMENT LOCATED ON THE BAR F PARTNERSHIP PROPERTY.
- BASIS OF BEARING USED WAS S89°42'46"E BETWEEN THE SOUTH QUARTER CORNER AND THE SOUTHEAST CORNER OF SECTION 20, T.3 S., R.2 W., U.S.B. & M.
- THE LAKE BOREHAM ROAD RIGHT OF WAY AS SHOWN HEREON WAS TAKEN FROM A SURVEY PERFORMED BY JONES AND DEMILLE ENGINEERING RECORDED IN THE DUCHESNE COUNTY SURVEYOR'S OFFICE AS FILE NO. 3201.
- THE LOCATION FOR THE CENTER EAST 1/16 CORNER OF SECTION 20, T.3 S., R.2 W., U.S.B. & M., WAS RE-ESTABLISHED BASED ON INFORMATION FROM A SURVEY PERFORMED BY JERRY D. ALLRED, ON FILE AT THE DUCHESNE COUNTY SURVEYOR'S OFFICE, FILE NO. 678.
- THE LOCATIONS FOR THE CENTER SOUTH 1/16 CORNER, SOUTHEAST 1/16 CORNER, AND THE EAST 1/16 CORNER ON THE SOUTH LINE OF SECTION 20, T.3 S., R.2 W., U.S.B. & M., WERE RE-ESTABLISHED BASED ON THE 3-MILE METHOD AND THE B.L.M. PLAT APPROVED MAY 31, 1923.
- THE COUNTY ROAD RIGHT OF WAY LOCATED IN THE NORTHWEST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 20, T.3 S., R.2 W., U.S.B. & M. WAS DEEDED BY QUIT CLAIM DEED TO DUCHESNE COUNTY BY DAVID G. FELTER AND KATHY L. FELTER TRUSTEES IN AUGUST OF 2015. THE QUIT CLAIM DEED IS RECORDED IN THE DUCHESNE COUNTY RECORDER'S OFFICE AS ENTRY NUMBER 487334.
- THE COUNTY ROAD RIGHT OF WAY LOCATED IN THE SOUTHWEST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 20, T.3 S., R.2 W., U.S.B. & M. WAS DEEDED BY QUIT CLAIM DEED TO DUCHESNE COUNTY BY BAR F PARTNERSHIP, A FAMILY PARTNERSHIP IN AUGUST OF 2015. THE QUIT CLAIM DEED IS RECORDED IN THE DUCHESNE COUNTY RECORDER'S OFFICE AS ENTRY NUMBER 487157.

SURVEYOR'S CERTIFICATE

I, TREVOR R. GADD, A REGISTERED LAND SURVEYOR AS PRESCRIBED BY THE LAWS OF THE STATE OF UTAH, HOLDING CERTIFICATE #343639, CERTIFY THAT THE SURVEY SHOWN HEREON WAS MADE UNDER MY DIRECTION.

I FURTHER CERTIFY THAT THIS PLAT CORRECTLY SHOWS THE DIMENSIONS OF THE PROPERTY SURVEYED.

TREVOR R. GADD, S. #343639
No. 343639
DATE 02/28/17

PREPARED BY:

Jones & DeMille Engineering, Inc.

CIVIL ENGINEERING - SURVEYING - TESTING - GIS - ENVIRONMENTAL

- infrastructure professionals -

1.800.748.5275 www.jonesanddemille.com

PROJECT NUMBER: 1302-001 FILE NAME: h:\dproj\1302-001\dwg\1302-001 survey canal
SURVEYED BY: J&D Engineering DRAWN BY: T.W.G./T.H. UPDATED: 3/14/2017 PLOT: 1/28/2017

Pahcease Canal Easement Survey

Duchesne County, Utah

Scale: 1" = 200'

County Surveyor's File # 3526